

Claims 1-2 (canceled)

3. (previously presented) The cartridge of claim 10 wherein the power source comprises a battery.

4. (previously presented) The cartridge of claim 10 wherein the power source comprises an alkaline battery.

5. (previously presented) The cartridge of claim 10 wherein the power source comprises a lithium ion battery.

6. (previously presented) The cartridge of claim 10 wherein the power source comprises an alkaline battery and a lithium ion battery.

7. (previously presented) The cartridge of claim 10 wherein the power source comprises a fuel cell.

Claims 8-9 (canceled)

10. (currently amended) A cartridge for a defibrillator, the defibrillator including a rechargeable battery and a shock delivery circuit coupled to the rechargeable battery, the cartridge comprising:

a housing having an interior and removably attachable to the defibrillator;

an electrode pad disposed within the interior; and

a power source disposed within the interior and coupled to the rechargeable battery when the housing is attached to the defibrillator,

wherein the power source is operable to provide power to charge the rechargeable battery of the defibrillator.

Claims 11-14 (canceled)

15. (previously presented) A defibrillator system comprising:

a defibrillator including a shock delivery circuit, wherein the defibrillator comprises a rechargeable battery coupled to the shock delivery circuit; and

a cartridge comprising:

a cartridge housing having an interior and removably attachable to the defibrillator;

an electrode pad disposed in the interior of the housing;

a power source disposed in the interior of the housing, and

wherein the power source is operable to recharge the battery with power provided by the power source when the housing is attached to the defibrillator.

16. (previously presented) The defibrillator system of claim 15

wherein the power source comprises a battery and is operable to maintain a predetermined charge on the rechargeable battery using the power provided by the power source.

Claims 17-25 (canceled)

26. (previously presented) A defibrillator system comprising:

a defibrillator for generating a defibrillation shock; and

a field-replaceable component that is attachable to the defibrillator wherein:

the defibrillator comprises a battery operable to power the defibrillator; and

the field-replaceable component comprises an electrode-pad storage cartridge including,

a housing having an interior and removably attachable to the defibrillator,

an electrode pad disposed within the interior, and

a power source disposed in the interior and operable to charge the battery when the housing is attached to the defibrillator.

Claims 27-38 (canceled)